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| Form PTO-1449<br>U.S. Department of Commerce<br>Patent and Trademark Office<br><br>INFORMATION DISCLOSURE<br>STATEMENT<br>IN AN APPLICATION<br><br>(Use several sheets if necessary) | Docket No. 3212-24 (D4772-00021) | Serial No.: 09/936,469 |
|  | Applicants: Kowak, et al.        |                        |
|  | Filing Date: September 12, 2001  | Group Art Unit:        |

## U.S. PATENT DOCUMENTS

| *EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE     | NAME           | CLASS | SUBCLASS | FILING DATE<br>IF<br>APPROPRIATE |
|----------------------|----|-----------------|----------|----------------|-------|----------|----------------------------------|
| TML                  | AA | 5,818,987       | 10/06/98 | Bakhit, et al. | 385   | 28       |                                  |
| TML                  | AB | 5,430,817       | 07/04/95 | Vengsarkar     | 385   | 37       |                                  |
| TML                  | AC | 4,953,939       | 09/04/90 | Epworth        | 350   | 96.19    |                                  |
|                      |    |                 |          |                |       |          |                                  |

## FOREIGN PATENT DOCUMENTS

|     |    | DOCUMENT NUMBER | DATE     | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
|-----|----|-----------------|----------|---------|-------|----------|-------------|----|
|     |    |                 |          |         |       |          | YES         | NO |
| TML | AD | 0 826 990 A1    | 03/04/98 | EPO     |       |          |             |    |
| TML | AE | 0 829 740 A2    | 03/18/98 | EPO     |       |          |             |    |

## OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)

|     |    |   |
|-----|----|---|
| TML | AF | K. Hinton, "Dispersion Compensation Using Apodized Bragg Fiber Gratings in Transmission", <i>Journal of Lightwave Technology</i> , US, IEEE, New York, Vol. 16, No. 12, pp. 2336-2346, December, 1998   |
| TML | AG | Litchinitser, et al., "Dispersion of Cascaded Fiber Gratings in WDM Lightwave Systems", <i>Journal of Lightwave Technology</i> , US, IEEE, New York, Vol. 16, No. 8, pp. 1523-1529, August, 1998  |
| TML | AH | Ky, et al., "Efficient Broadband Intracore, Grating LP <sub>01</sub> -LP <sub>02</sub> Mode Converters for Chromatic-Dispersion Compensation", <i>Optics, Letters</i> , US, Optical Society of America, Washington, Vol. 23 No. 6, pp. 445-447, March, 1998 |

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|--------------------------|--------------------------------|
| EXAMINER <i>Tumarkin</i> | DATE CONSIDERED <i>03/2004</i> |
|--------------------------|--------------------------------|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.